

HALE
URBAN DISTRICT COUNCIL.



Annual Report

OF THE
MEDICAL OFFICER OF HEALTH
AND INSPECTOR OF NUISANCES

For the Year 1914.



PRINTED BY ORDER OF THE COUNCIL.

J. G. WHYATT, CLERK.

HALE URBAN DISTRICT COUNCIL.

MEDICAL OFFICER'S REPORT

FOR 1914.

To the Chairman and Members of
the Hale Urban District Council.

MR. CHAIRMAN AND GENTLEMEN,

I beg herewith to present the Annual Report for the year 1914. During the year 44 new Houses were erected, and at the middle of July the number of inhabited houses was 2,205, situated as follows:—Central Ward, 664; North Ward, 740; South-East Ward, 281; West Ward, 520.

The estimated population at the middle of July was 9,503, distributed as follows:—Central Ward, 2,862; North Ward, 3,189; South-East Ward, 1,211; West Ward, 2,241; and on these figures all the vital statistics of this report are framed.

Births.

The number of births in the district during the year 1914 was 140—boys 76, girls 64; of these 4 boys and 4 girls were illegitimate. The birth rate per 1,000 of population was 14·736. This rate is lower than that of 1913, which was 15·226, and is lower than that recorded in any previous year except 1909 when the rate was 14·63.

The birth rate for the whole of England and Wales for 1913 was 23·9 per 1,000 living, and that for the County of Chester 21·53.

Deaths—Infantile Mortality.

During the year 9 deaths occurred of children under one year of age. The **rate** for the year is **64·285**. This is a considerable improvement on last year which was 127·659, and taking the rates since the formation of the District, appears to be approximately the average. With the exception of the years 1906 (35·21), 1912 (49·645), 1911 (102·04), and 1913 (127·659), the rate has varied between 62 and 72 deaths per 1,000 births; the average since 1900 being 73·3.

For the year 1913 the rate for the County was 104, and for the whole of England and Wales 109.

The causes of deaths in the local cases were as follows:—
Bronchitis 1, Pneumonia 1, Enteritis 2, Overlying 1, Congenital Malformation 1, Premature birth 3.

Four of these cases occurred in the North Ward, 3 in the Central, and 2 in the West. There were none in the South-East. As regards rental the distribution was as follows:—

| | Under £16 (year) | £16—£24 | Over £24 | Totals |
|-----------------|------------------|---------|----------|--------|
| Bronchitis | 1 | ... | ... | 1 |
| Pneumonia | — | ... | ... | 1 |
| Enteritis | 1 | 1 | ... | 2 |
| Overlying | 1 | ... | ... | 1 |
| Congenital | | | | |
| Malformation | — | 1 | ... | 1 |
| Premature Birth | 2 | ... | 1 | 3 |
| Totals | 5 | 2 | 2 | 9 |

Further particulars will be found in Table VI. appended to this report.

As you are aware the Notification of Births Act, 1907, has been adopted for the District, as from 1st January, 1915, and Nurse Jackson has been appointed to visit such houses, at which births occur, as may be deemed expedient. It will be seen from the above table, that, had the Act been in force during 1914, at least 5 of these cases would have been visited, and possibly the advice given by the Health Visitor would have had beneficial results.

Deaths at all Ages.

The number of deaths registered as occurring in the district during 1914 was 68. Of these, one belonged to another district, but 17 deaths of residents occurred outside the district, so that the **net number** of deaths belonging to the district was 84, giving a **net death rate of 8·839**. This rate compares favourably with that of 1913, which was 9·93, but is in excess of that of 1912 which was 6·9.

Allocated to the various wards the 84 deaths are distributed as follows:—Central 24, North 29, South-East 9, West 21—one death cannot be allocated to any particular ward. The rates for the various wards are as follows:—Central 8·385, North 9·407, South-East 7·431, West 9·326.

The deaths were distributed over the various age periods as follows:—Under one year, 9; 1 and under 2 years, 3; 2 and under 5 years, 1; 5 and under 15 years, 2; 15 and under 25 years, 3; 25 and under 45 years, 15; 45 and under 65 years, 17; 65 and upwards, 34. The average age of those dying between 25 and 45 was 37·58 years, between 45 and 65, 55·64 years; those 65 and upwards, 76·32 years.

The main causes of death were as follows:—Heart Disease 12, Senile Decay 10, Cancer 10, Phthisis 6.

An unusual feature of the death returns for the year is the large number of inquest cases; there being no less than ten. Of these 4 were attributed to Accidents, 3 to Angina Pectoris, and one each to Overlying, Heart Failure whilst undergoing operation, and Cancer treated by a non-medical man.

The death rate for the whole of England and Wales for the year 1913 was 13·4, and for the County of Chester, 12·82.

Deaths from Tuberculous Diseases.

Eight deaths from Tuberculous Diseases were registered during the year. Of these six were from phthisis and two from tuberculous meningitis. During 1913 four deaths occurred from tuberculous diseases.

The death rate for phthisis for the year was 0·631 per 1,000 living, and for other tuberculous diseases 0·210, making a total of 0·842, compared with 0·440 for 1913. The death rate for the County for 1913 was phthisis 0·69, and other tuberculous diseases (including tuberculous meningitis) 0·39, making a total of 1·08 per 1,000 living.

As heretofore, provision is made by the Council for the examination, free of charge, of sputa and discharges suspected of tubercle bacilli. Under this provision, ten specimens were submitted for examination, 2 were positive and 8 negative.

Zymotic Death Rate.

The seven principal Zymotic Diseases are Smallpox, Scarlet Fever, Whooping Cough, Diphtheria (including Membranous Croup), Fever (Typhus, Typhoid and Continued), Measles, Diarrhoea of Zymotic origin.

During the year, no deaths occurred from Zymotic diseases. The death rate was therefore 0 per 1000 living, compared with 0·321 for 1913, and 0·219 for 1912.

Infectious Diseases.

During the year, 26 cases were notified under the Infectious Diseases Notification Act, and 12 cases of consumption and 6 of other tuberculous diseases were notified under the Tuberculosis Regulations. The former were made up as follows :—Diphtheria 3, Scarlet Fever 23. Compared with 1913 there is a decrease of 9 cases of Diphtheria, an increase of 9 cases of Scarlet Fever, and a decrease of 8 cases of Typhoid Fever, giving a net decrease of eight cases of infectious diseases.

The cases were distributed as follows :—

| | Central Ward. | | North Ward. | | South-East Ward. | | West Ward. | | Total. |
|---------------------------------|------------------|-----|----------------|-----|---------------------|-----|---------------|---|----------|
| Diphtheria | 0 | ... | 3 | ... | 0 | ... | 0 | = | 3 |
| Scarlet Fever | 7 | ... | 7 | ... | 2 | ... | 7 | = | 23 |
| Consumption | 4 | ... | 4 | ... | 1 | ... | 3 | = | 12 |
| Other Tuber- culous Diseases | 2 | ... | 1 | ... | 1 | ... | 2 | = | 6 |
| | <hr/> 13 | | <hr/> 15 | | <hr/> 4 | | <hr/> 12 | | <hr/> 44 |

Eleven cases of Scarlet Fever were removed to the Hospital.

Of the non-notifiable diseases, there has been a great increase of measles. An epidemic occurred during the months of September and October, which led, first to the closing of the Stamford Park Elementary School, and afterwards the closing of the whole of the Schools in the Altrincham and District Education Sub-Committee's Area. As far as this District itself is concerned I estimate, there must have been 70 or 80 cases. Whooping Cough has also been to some extent prevalent.

Good work in minimizing the spread of these diseases might be accomplished by a system of voluntary notification.

As in previous years, by arrangement with the Public Health Laboratory, Manchester University, "throat swabs" for examination of those suspected of diphtheria have been provided, and also "typhoid outfits" for those suspected of typhoid fever. The cost of these examinations has been borne by the Council.

During the year 8 swabs have been submitted, 3 of which have been positive and 5 negative. Two typhoid outfits were utilized, neither of which have given a positive result.

The Council authorises the distribution of Diphtheria Antitoxin to such as cannot be reasonably supposed to bear the cost of the same.

Whenever any infectious case is notified, the house is at once visited by the Sanitary Inspector and all information obtained, such as source of infection, contacts, sanitary condition of premises, milk and food supplies, means of efficient isolation, and such steps are taken, and advice given, as is necessary.

The number of cases of Phthisis notified (12) is the same as last year, and the number of other forms of Tuberculosis (6) is an increase of two on last year. All these cases were visited on notification, and 21 subsequent visits have been made. At such visits advice is given with a view to preventing further infection, and enquiries are also made to ascertain whether this may have taken place. Wherever a case ends fatally, or where a case "removes," the premises are disinfected as in other infectious diseases.

This district, as part of the Bucklow Joint Hospital Board, has the use, I believe, of twelve beds at the Baguley Sanatorium. One case during the year was treated there, being the one which I referred to in my last report as being recommended for treatment.

Cancerous Cases.

During the year ten deaths from cancerous diseases were notified. This figure continues high, but I am unable to throw any light on the subject.

The figures for the last few years are as follows :—1913, 11 ; 1912, 7 ; 1911, 8 ; 1910, 9 ; 1909, 5 ; 1908, 10.

Roads.

The Roads during the year have been well scavenged, and allowing for building operations, have been kept in good order.

The following extraordinary work has been done :—

- (a) Road made up (tarred macadam) Golf Road.
- (b) Bank Hall Lane improvement completed.
- (c) Hermitage Road further widenings and macadamising.
- (d) Hale Road widening at Halebarns.
- (e) Westminster Road temporarily made up.
- (f) Ashley Road widened and Open Space partly laid out.
- (g) South Downs Road widened and improved.
- (h) Corner of South Downs Road and South Downs Drive widened and improved.
- (i) Wicker Lane, near Bull's Head, improved.
- (j) Grove Lane widened and improved.

Tar Spraying for Dust Laying.

Ashley Road (Peel Avenue to Park Road), Victoria Road, Broomfield Lane, Moss Lane, Warwick Road (Ashley Road to Appleton Road), Park Road (Ashley Road to Bower Road), Arthog Road (Park Road to opposite "Lightoaks"), Cedar Road (Oak Road to Queen's Road).

Treated with Calcium Chloride—Dust Laying.

Delahays Road (Hale Road to The Châlets), Grove Lane (Hermitage Road to Delahays Road).

Preserving Coats for Carriageways.

Broom Road, Leicester Road, Ollerbarrow Road (Hale Road to Leicester Road), Queen's Road (Hale Road to Stamford Park Road), Westgate (Hale Road to Leigh Road), Alan Drive, Appleton Road, Harrop Road (Park Drive to Planetree Road), Midland Terrace, and adjoining Cab Stand, Peel Causeway.

Cinder Footpaths—Tar Sprayed.

Victoria Road (West side), Park Road (Bower Road to Ashley Road), Heather Road (North Side), South Downs Road (North Side), Broad Lane (East Side), Moss Lane (South Side), Grove Lane (opposite Collier's property), Bank Hall Lane (Broad Lane to Tolland Lane), Hermitage Road (both sides, Hale Road to back of houses built by Davies).

Dangerous Corners.

During the year attempts have been made to secure the improvement of several dangerous corners. Up to the present no work has been carried out, but arrangements are being made in some instances to have the necessary alterations made.

Town Planning.

During the year much progress has been made with the preparatory work for the Town Planning Scheme. The reference book has been completed and the first notices have been served. Maps Nos. 1 and 2 have been prepared and formal application has been made to the Local Government Board for permission to prepare a scheme.

Scavenging.

The method in vogue aims at the removal of refuse without soil pollution, as follows:—A low-built lurry laden with air-tight bins is drawn to the various parts of the district. To the rear of the lurry a rubber-tyred trolley is attached. Having arrived at the destination, a bin is placed on the trolley and this is drawn and placed against or near the receptacle to be emptied, and the contents of the latter are emptied direct into the bin. When full, the bins are taken to a tip and emptied there. This method is employed in all privies, pail closets and ashpits, and has proved very satisfactory indeed and economical.

Owners and occupiers are being encouraged to replace ashpits by bins, and during the year 39 ashpits at 72 houses and 14 dry ashpits at 26 houses have been abolished and ashbins substituted. Ashbins are emptied direct into a covered cart.

The air-tight bins used for the removal of the refuse are from time to time washed out with disinfecting solution, and at other times are dusted with carbolic acid powder, each being done according to requirements.

Privy ashpits are emptied every six weeks, dry ashpits every second month and bins weekly or fortnightly, according to circumstances, and in all cases oftener if required. Any request or complaint is at once attended to.

Housing Accommodation, &c.

Though the district is still developing as a whole, the main development during the year has taken place in the North and South-East Wards, artisans' dwellings having been built in the Hermitage and Halebarns Districts. These readily let, but the internal needs of the district are to my mind amply met.

There is no overcrowding in the district, and the houses are built with the maximum amount of air space around that can be enacted.

New houses in the course of erection are liberally supervised at each successive stage.

The general cleanliness round houses is good.

The Housing and Town Planning Act, 1909 (Part I.), has, during the year, been carried out, and a report made to you each month.

I append a table giving a summary of the year's working.

HALE URBAN DISTRICT COUNCIL.

Housing, Town Planning, etc. Act, 1909. Summary for the year 1914.

| | Houses Inspected. | Houses in which Defects were found. | Houses in which Defects were remedied. | | |
|--------------|-------------------|-------------------------------------|--|--------------------|---------------|
| | | | (a) Informal Notices. | (b) Legal Notices. | |
| | | | | P. H. A. | H. & T. P. A. |
| Over £16 ... | 335 | 68 | 36 | 31 | 0 |
| Under £16... | 262 | 70 | 27 | 36 | 4 |
| | 597 | 138 | 63 | 67 | 4 |

Public Elementary Schools.

There are three such schools in the district. They are admirably equipped, the sanitation excellent, and their water supply ("Town's") good. They are inspected by the County School Medical Officer or your own officials, as necessary. During the year six inspections of these schools have been made.

Closet Accommodation, &c.

The provision existing in the district is shown by the following details:—

| | | | |
|---|-----|------|-----------------|
| Double Privy Ashpits... | ... | 49 | } = 127 houses, |
| Single ,, ,, | ... | 29 | |
| Houses with Water Closets and Privy Ashpits | ... | 61 | |
| Total Number of Privy Ashpits... | ... | 139 | |
| Privy Pails | ... | 25 | |
| Water Closets | ... | 2097 | |

Refuse Accommodation.

| | | | |
|--------------------------|-----|-----|-----------------|
| Multiple Dry Ashpits ... | ... | 4 | } = 522 houses. |
| Double „ „ ... | ... | 131 | |
| Single „ „ ... | .. | 248 | |
| Ashbins ... | ... | ... | .. 1512 |

Sewers and Sewage.

That portion of the sewage from the South side of Hale Road with a little on the North side is dealt with at the Council's Sewage Farm, while the major portion of that from the North side of Hale Road is dealt with (by arrangement) at the Altrincham Sewage Farm.

The following new work has been done during the year :—

- (a) New sewer in Hermitage Road, from Grove Lane to Egerton Road.
- (b) Surface Water Sewer through the Town's Yard relaid.
- (c) Surface Water Sewer, South Downs Road, relaid.

The methods employed at the Council's Sewage Farm are as follows :—

- (a) By septic tank, followed by bacteria beds and broad irrigation.
- (b) By settling tanks and broad irrigation.

The result of the year's working has been more satisfactory than that of the previous year. The samples of effluents taken in all cases satisfied the requirements of the Irwell and Mersey Joint Board, and complaints relative to odorous emanations have been very few. As you are aware the question of removal of the sewage farm, or of structural alteration, remains in *statu quo*, but improvements have been made during the year, and these no doubt have contributed to the better working results. These improvements comprise :—

The renovation of the underdraining throughout, and the completion of the work of the sub-division of the land into bays, and the laying of carriers and distributing pipes.

The turning over of the surface of the land, and the seeding with grass, and formation of embankments along the Bollin side.

At the main Outfall four temporary filters have been constructed, together with three sludge drying pits and one final drying area. The old measuring and valve chambers have been converted into additional detritus chambers, the storm water overflow has been diverted from the effluent drain, and the manhole on the main under drain has been rebuilt. On the Ashley Heath section the septic tank has been cleaned out, its use discontinued, and a detritus tank and filter have been substituted. One of the bacteria beds has been cleansed and the distribution channel has been rearranged. A sludge pit has also been constructed.

With regard to the vital question of removal or alteration you are aware that reports have during the year been sought and obtained from Dr. Fowler and Mr. Midgley Taylor, and so far as possible information obtained as to the value of the "Emscher" tank system. Latterly the solution of the problem has been rendered more difficult by the introduction of Dr. Fowler's system of "blowing" for the treatment of crude sewage, and though this is still somewhat "experimental" and though I should like to see the matter settled, yet in view of what is being done at the present moment at the Manchester and Salford Sewage Works I feel the Council would be illadvised if they did more than "mark time" at this juncture. In the meantime, short of costly alteration, every thing should be done, of course, to maintain the present improved conditions at the Sewage Works.

Disinfection.

The method of disinfection in the district is the same as heretofore, viz. :—by formalin gas followed by spraying and, where necessary, stripping the walls and the destruction of any articles that cannot satisfactorily be disinfected.

Bedding and other articles which cannot be disinfected by soaking in disinfecting solutions are sent to the Altrincham Authority for sterilisation, an arrangement which has so far worked satisfactorily.

Water Supply.

The Water Supply to practically the whole of the district is supplied by the North Cheshire Water Company from the Manchester Corporation Reservoirs at Woodhead and is satisfactory. There are only four springs in the district from which drinking water is obtained. During the year no new supplies have been laid on.

At six houses in which the supply (Town's supply) was insufficient, pipes have been relaid and an ample supply of water is now obtainable.

Milk Supply.

The Milk Supply of the district I consider good. A portion is from farms situate within the district, but the main supply is from farms in adjoining districts.

There are in the district five dairies, three cowsheds, and seven milkshops, and these have been regularly inspected, in all 99 inspections have been made. No notices have been necessary.

Foods.

The district is well supplied with good shops, and I consider the food supply excellent.

A general watchfulness is kept over the food exposed for sale, and an ear kept open for complaints, but it has not been necessary to take any action.

Midwives' Act.

There are two midwives in the district registered under this Act. In their capacity as midwives they have attended 29 cases.

The midwives carry out their duties very well; they are of a superior class, and fulfil the requirements of the district

The midwives' premises, bags, and books have been inspected from time to time, and found in order.

Adoptive Acts.

The following are in force in the district :—

Infectious Diseases Prevention Act.

Public Health Act (Amendment Act) 1907. Sections up to and including Section 65, and Sections 67, 68, 76, 77, 81 (part of) and 95.

Public Health Act (Amendment Act) 1890. Part III.

Private Street Works Act, 1892.

New Bye-Laws and Regulations.

During the year the Notification of Births Act, 1907, has been adopted and comes into operation on 1st January, 1915.

New Sanitary Byelaws are receiving the consideration of the Sanitary Committee.

Pollution of Rivers and Streams.

So far as I know, there has not been any pollution of the River Bollin or Streams.

Slaughter Houses.

There are no Slaughter Houses in the district.

Inspector's Report.

I have pleasure in enclosing the Inspector's Annual Report of work done.

I am, gentlemen,

Your obedient servant,

T. A. ROTHWELL,

M.D., M.R.C.S., L.R.C.P.,

Medical Officer of Health.

TABLE I.

HALE URBAN DISTRICT.

VITAL STATISTICS OF WHOLE DISTRICT during 1914 and previous Years.

| YEAR | Population estimated to Middle of each year | BIRTHS | | | TOTAL DEATHS REGISTERED IN THE DISTRICT | | | TRANSFERABLE DEATHS | | NET DEATHS BELONGING TO THE DISTRICT. | | | |
|------|---|--------------------|--------|--------|---|-------|---|---|---------------------|---------------------------------------|-------------|-------|--|
| | | Uncorrected Number | Net | | Number | Rate | of Non-residents registered in the District | of Residents not registered in the District | Under 1 Year of Age | | | | |
| | | | Number | Rate | | | | | Number | Rate per 1000 Net Births | At all Ages | | |
| | | | | | | | | | | | Number | Rate | |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | | | |
| 1 | 2 | | | | | | | | | | | | |
| 1909 | 8546 | ... | 125 | 14.63 | 50 | 5.851 | 0 | 2 | 8 | 64.0 | 52 | 6.08 | |
| 1910 | 8930 | ... | 162 | 18.141 | 57 | 6.382 | 0 | 5 | 10 | 61.728 | 62 | 6.94 | |
| 1911 | 8456 | 145 | 147 | 17.5 | 86 | 10.17 | 3 | 6 | 15 | 102.04 | 89 | 10.52 | |
| 1912 | 9102 | 140 | 141 | 15.49 | 55 | 6.042 | 4 | 12 | 7 | 49.645 | 63 | 6.9 | |
| 1913 | 9261 | 138 | 141 | 15.226 | 83 | 9.07 | 4 | 10 | 18 | 127.659 | 92 | 9.93 | |
| 1914 | 9503 | 138 | 140 | 14.736 | 68 | 7.15 | 1 | 17 | 9 | 64.285 | 84 | 8.839 | |

Area of the District in acres (land and inland water) } 1283 (Statute)

Total population at all ages ... 8351
 Total families or separate occupiers... 1945
 Average number of persons per house 4.4

NOTE.—“Transferable Deaths” are deaths of persons who, having a fixed or usual residence in England or Wales, die in a district other than that in which they resided.

TABLE II.
HALE URBAN DISTRICT.

Cases of Infectious Disease notified during the Year 1914.

| NOTIFIABLE DISEASE. | NUMBER OF CASES NOTIFIED. | | | | | | | | TOTAL CASES NOTIFIED IN EACH LOCALITY (e.g. Parish or Ward) of the District. | | | | TOTAL CASES removed to Hospital |
|---|---------------------------|---------------|--------|---------|----------|----------|----------|--------------|--|-----------------|-----------|----------------|---------------------------------|
| | At all Ages | At Ages—Years | | | | | | Central Ward | North Ward | South-East Ward | West Ward | | |
| | | Under 1 | 1 to 5 | 5 to 15 | 15 to 25 | 25 to 45 | 45 to 65 | | | | | | |
| | | | | | | | | | | | | 65 and upwards | |
| Small-pox | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cholera | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Diphtheria (including Membranous croup) ... | 3 | ... | 1 | ... | ... | 1 | 1 | ... | 3 | ... | ... | ... | ... |
| Erysipelas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Scarlet fever | 23 | 4 | 16 | ... | ... | 3 | ... | 7 | 7 | 2 | 7 | ... | 11 |
| Typhus fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Enteric fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Relapsing fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Continued fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Puerperal fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cerebro-spinal Meningitis ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Polio-myelitis | 12 | ... | ... | ... | 1 | 6 | 4 | 4 | 4 | 1 | 3 | ... | ... |
| Pulmonary Tuberculosis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Other forms of Tuberculosis ... | 6 | ... | 2 | 3 | ... | 1 | ... | 2 | 1 | 1 | 2 | ... | ... |
| Totals | 44 | 0 | 4 | 19 | 4 | 11 | 5 | 13 | 15 | 4 | 12 | ... | 11 |

Isolation Hospitals, Sanatoria, &c. { BAGULEY SANATORIUM for Phthisis in non-insured persons.
MONSALL HOSPITAL for all other Diseases.

TABLE III.
HALE URBAN DISTRICT.

Causes of, and ages at, Death during 1914.

| CAUSES OF DEATH. | NETT DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING WITHIN OR WITHOUT THE DISTRICT. | | | | | | | | | | Total Deaths whether of "Residents" or "Non- residents" in Institutions in the District. |
|---|--|--------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|----------------------|-----|---|
| | All Ages | Und'r 1 year | 1 & under 2 years | 2 & under 5 years | 5 & under 15 years | 15 & under 25 years | 25 & under 45 years | 45 & under 65 years | 65 & up- wards | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| ALL { Certified | 84 | 9 | 3 | 1 | 2 | 3 | 15 | 17 | 34 | ... | |
| CAUSES { Uncertified | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Enteric Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Smallpox | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Measles | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Scarlet Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Whooping Cough | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Diphtheria and Croup | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Influenza | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | |
| Erysipelas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Phthisis (Pulmonary Tuber- culosis) | 6 | ... | 1 | ... | ... | 1 | 1 | 1 | 2 | ... | |
| Tuberculous Meningitis | 2 | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | |
| Other Tuberculous Diseases | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Cancer, malignant disease... | 10 | ... | ... | ... | ... | ... | 2 | 3 | 5 | ... | |
| Rheumatic Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Meningitis | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | |
| Organic Heart Disease | 12 | ... | ... | ... | ... | ... | 1 | 4 | 7 | ... | |
| Bronchitis | 4 | 1 | ... | ... | ... | ... | ... | 1 | 2 | ... | |
| Pneumonia (all forms) | 4 | 1 | ... | ... | ... | ... | 2 | 1 | ... | ... | |
| Other diseases of Respira- tory Organs | 2 | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | |
| Diarrhoea and Enteritis | 3 | 2 | ... | ... | ... | ... | ... | ... | 1 | ... | |
| Appendicitis and Typhlitis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Cirrhosis of Liver | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Alcoholism | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Nephritis & Bright's Disease | 4 | ... | ... | ... | ... | ... | 1 | 3 | ... | ... | |
| Puerperal Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Other accidents and diseases of Pregnancy & Parturition | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Congenital Debility and Malformation, including Premature Birth | 4 | 4 | ... | ... | ... | ... | ... | ... | ... | ... | |
| Violent Deaths, excluding Suicide | 4 | ... | ... | ... | ... | ... | 2 | 1 | 1 | ... | |
| Suicides | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Other Defined Diseases | 12 | 1 | 1 | ... | 1 | 2 | 2 | 1 | 4 | ... | |
| Diseases ill-defined or un- known | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Senile Decay | 10 | ... | ... | ... | ... | ... | ... | ... | 10 | ... | |
| Diabeties | 2 | ... | ... | ... | ... | ... | 2 | ... | ... | ... | |
| Cerebral Hæmorrhage | 3 | ... | ... | ... | ... | ... | 1 | 1 | 1 | ... | |
| Totals ... | 84 | 9 | 3 | 1 | 2 | 3 | 15 | 17 | 34 | 0 | |

TABLE IV.
HALE URBAN DISTRICT.

INFANT MORTALITY,

**1914. Net Deaths from stated Causes at various ages under
One Year of Age.**

| CAUSE OF DEATH. | | Under 1 Week | 1-2 Weeks | 2-3 Weeks | 3-4 Weeks | Total under 4 Weeks | 4 Weeks and under 3 Months | 3-6 Months | 6-9 Months | 9-12 Months | Total Deaths under 1 Year |
|--|------------------|--------------|-----------|-----------|-----------|---------------------|----------------------------|------------|------------|-------------|---------------------------|
| ALL CAUSES { | Certified..... | 2 | 1 | 1 | ... | 4 | 1 | 2 | 1 | 1 | 9 |
| | Uncertified..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Small-pox | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Chicken-pox | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Measles..... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Scarlet Fever..... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Whooping Cough..... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Diphtheria and Croup..... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Erysipelas | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Tuberculous Meningitis..... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Abdominal Tuberculosis | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Other Tuberculous Diseases | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Meningitis (<i>not Tuberculous</i>)..... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Convulsions | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Laryngitis | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Bronchitis | | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| { Pneumonia (all forms)..... | | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| { Diarrhoea | | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| { Enteritis | | ... | ... | 1 | ... | 1 | ... | 1 | ... | ... | 2 |
| { Gastritis..... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Syphilis | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Rickets | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Suffocation, overlying..... | | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 |
| { Injury at Birth..... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Atelectasis..... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| { Congenital Malformations | | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 |
| { Premature Birth | | 2 | 1 | ... | ... | 3 | ... | ... | ... | ... | 3 |
| { Atrophy, Debility & Marasmus | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Other Causes | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | | 2 | 1 | 1 | ... | 4 | 1 | 2 | 1 | 1 | 9 |

Net Births in the year :

legitimate ... 132.
illegitimate ... 8.

Net Deaths in the year of :

legitimate infants .. 9
illegitimate infants ... 0

TABLE V.
INFECTIOUS DISEASES, 1914, shewing Seasonal Attack.

| Month. | CENTRAL WARD. | | | | | | NORTH WARD. | | | | | | SOUTH-EAST WARD. | | | | | | WEST WARD. | | | | | | TOTAL. | | | | | | | | | | |
|-----------------|---------------|------------|---------------|-------------|----------------------------|--------------|---------------|------------|---------------|-------------|----------------------------|--------------|------------------|------------|---------------|-------------|----------------------------|--------------|---------------|------------|---------------|-------------|----------------------------|--------------|---------------|------------|---------------|-------------|----------------------------|--------------|-----|---|----|----|----|
| | Scarlet Fever | Diphtheria | Enteric Fever | Consumption | Other Tuberculous Diseases | All Diseases | Scarlet Fever | Diphtheria | Enteric Fever | Consumption | Other Tuberculous Diseases | All Diseases | Scarlet Fever | Diphtheria | Enteric Fever | Consumption | Other Tuberculous Diseases | All Diseases | Scarlet Fever | Diphtheria | Enteric Fever | Consumption | Other Tuberculous Diseases | All Diseases | Scarlet Fever | Diphtheria | Enteric Fever | Consumption | Other Tuberculous Diseases | All Diseases | | | | | |
| January | 2 | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | | | | |
| February..... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | | | | |
| March | 1 | ... | ... | 1 | ... | 2 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | | | | |
| April | ... | ... | ... | 1 | 1 | 2 | ... | ... | ... | 1 | 1 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | | | | |
| May | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | |
| June | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | |
| July | 2 | ... | ... | ... | ... | 2 | 1 | 1 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | |
| August | ... | ... | ... | 2 | ... | 2 | 2 | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | | | | |
| September | ... | ... | ... | ... | ... | ... | 1 | 2 | ... | ... | ... | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 | 2 | ... | ... | ... | ... | | | | |
| October | 1 | ... | ... | ... | ... | 1 | 1 | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | | | | |
| November | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | | | | |
| December | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | | | | |
| TOTAL..... | 7 | ... | .. | 4 | 2 | 13 | 7 | 3 | ... | 4 | 1 | 15 | 2 | ... | ... | 1 | 1 | 4 | 7 | ... | 3 | 2 | 12 | 23 | 12 | 6 | 26 | 18 | 44 | ... | 12 | 6 | 26 | 18 | 44 |

TABLE VI.
HALE URBAN DISTRICT COUNCIL.

INFANTILE MORTALITY.

| WARD. | Age at Death. | Cause of Death. | Closet Accommodation. | Cleanliness. | Number Born | Number Living | Feeding. | REMARKS. |
|-------------|---------------|------------------------------------|-----------------------|--------------|-------------|---------------|--------------------------------|--|
| Central ... | 6 months | Pneumonia | W.C. and Ashbin | Clean | 2 | 1 | Bottle | ... |
| North ... | 4 months | Overlying | W.C. and Ashbin | Fair | 3 | 2 | Bottle | Inquest. |
| West ... | 4 days | Premature birth | W.C. and Ashbin | Clean | 1 | 0 | ... | 7 months' child. |
| North ... | 19 days | Gastro Enteritis | W.C. and Ashbin | Dirty | 3 | 2 | Breast | Mother's age 22, eldest child 2 years 1 month. |
| North ... | 9 months | Bronchitis | W.C. and Ashbin | Fair | 4 | 2 | Bottle | ... |
| West ... | 4 months | Gastro Enteritis | W.C. and Ashbin | Clean | 1 | 0 | Breast to 5 weeks bottle after | Child operated on for rupture. |
| Central ... | 16 days | Prematurity | W.C. and Ashbin | Clean | 1 | 0 | Bottle | ... |
| Central ... | 2 months | Congenital atenosis of the pylorus | W.C. and Ashbin | Fair | 1 | 0 | Bottle | ... |
| North ... | 3 days | Premature birth | W.C. and Ashbin | Fair | 1 | 0 | ... | 7½ months child. |

ANNUAL REPORT of the Medical Officer of Health for the year 1914,

FOR THE

URBAN DISTRICT OF HALE, CHESHIRE,

on the administration of the Factory and Workshop Act, 1901, in connection with
FACTORIES, WORKSHOPS, WORKPLACES AND HOMEWORK.

1.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

| Premises | Number of | | |
|---|-------------|-----------------|--------------|
| | Inspections | Written Notices | Prosecutions |
| Factories (Including Factory Laundries) ... | 12 | 0 | 0 |
| Workshops (Including Workshop Laundries) ... | 128 | 13 | 0 |
| Workplaces (other than Outworkers, &c.) | 11 | 0 | 0 |
| Total | 151 | 13 | 0 |

2.—DEFECTS FOUND.

| Particulars. | Number of Defects. | | | Number of Prosecutions. |
|---|--------------------|-----------|------------------------------|-------------------------|
| | Found. | Remedied. | Referred to H. M. Inspector. | |
| Nuisances under the Public Health Acts :— | | | | |
| Want of cleanliness | ... | ... | ... | ... |
| Want of ventilation | ... | ... | ... | ... |
| Overcrowding | ... | ... | ... | ... |
| Want of drainage of floors | ... | ... | ... | ... |
| Other nuisances | 8 | 7 | ... | ... |
| Sanitary accom- { insufficient | ... | ... | ... | ... |
| modation { unsuitable or defective | 1 | 1 | ... | ... |
| { not separate for sexes.. | 1 | 1 | ... | ... |
| Offences under the Factory and Workshop Act :— | | | | |
| Illegal occupation of underground bake-house (s. 101) | .. | ... | ... | ... |
| Breach of special sanitary requirements for bakehouses (ss. 97 to 100) | 3 | 3 | ... | ... |
| Other offences | ... | ... | ... | ... |
| Total | 13 | 12 | ... | ... |

3.—HOME WORK.

| | Lists Returned | Workmen |
|--|----------------|----------|
| Wearing Apparel—Making, &c. (sending twice in the year)... | 2 | 2 |
| “ “ “ once “ ... | 1 | 1 |

4.—REGISTERED WORKSHOPS.

| Workshops on the Register (s. 131) at the end of the year (1) | Number (2) |
|--|---------------|
| Bakehouses | 9 |
| Boot Repairers | 6 |
| Carpenters and Joiners | 7 |
| Cabinet Makers | 3 |
| Cycle and Motor Repairers | 4 |
| Laundries | 5 |
| Milliners | 4 |
| Dressmakers | 8 |
| Others | 5 |
| Total Number of Workshops on Register | 51 |

5.—OTHER MATTERS.

| Class (1) | Number (2) |
|--|---------------|
| Matters notified to H.M. Inspector of Factories :— | |
| Failure to affix Abstract of the Factory and Workshop Act (s. 133) ... | 2 |
| Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5) { | |
| Notified by H.M. Inspector... | 0 |
| Reports (of action taken) sent to H.M. Inspector... | 0 |
| Other | 0 |
| Underground Bakehouses (s. 101) :— | |
| Certificates granted during the year | 0 |
| In use at the end of the year | 0 |

INSPECTOR'S REPORT.

HALE URBAN DISTRICT COUNCIL.

INSPECTOR'S REPORT.

To the Chairman and Members of the
Hale Urban District Council.

GENTLEMEN,

I beg to submit my fourth Annual Report, being that for the year 1914. As in the case of previous years I include two tables, No. 1 in the form asked for by the County Medical Officer of Health, and No. 2 showing the nature of work done during the year.

Milk Supply.

No samples have been taken during the past year, it being the opinion of your Sanitary Committee that this was not necessary owing to the good quality of the milk in previous years, and to samples being taken through the County Council.

The milk in the district is supplied by 44 vendors, only 15 of whom are resident in the district, the remaining 29 being from neighbouring districts. One of the vendors, however, who resides just outside the district procures his milk from a cow-keeper in the district. Those resident in the district are :—

| | | | | |
|-------------------|-----|-----|---|--|
| Cowkeepers | ... | ... | 3 | } Of whose premises 88 inspections have been made. |
| Dairymen | ... | ... | 5 | |
| Purveyors of Milk | ... | ... | 7 | |

With one exception no fault can be found with the condition of the premises, and no notices, written or verbal, have been necessary.

The exception, as reported last year, is, unfortunately, in connection with a practice which cannot, with present powers, be stopped, that is a small "General Dealer" who sells milk out of his shop in which are stored potatoes and other vegetables, crockery, tobacco, etc. in close proximity to the milk, it being, in premises such as these, practically impossible to keep the milk perfectly clean, as there is always a quantity of dust floating about.

I have required this vendor to keep the milk vessels covered with muslin which forms some protection, but I am far from satisfied that he carries out this requirement.

Under the new Milk and Dairies Act, which comes into force on 1st October, 1915, it is probable that the Local Government Board will make regulations which will meet such cases.

Factories and Workshops.

These have been regularly inspected and are mostly in good condition. The majority are on a small scale only. There are 51 workshops and 10 factories (including one factory bakehouse), of which 180 inspections have been made and 13 defects found, 12 of which have been remedied, and the remaining one is in hand.

During the year 3 workshops have been converted to factories. One factory and 2 workshops have been opened and 5 workshops closed.

Infectious Diseases.

All houses in which infectious diseases have occurred have been inspected and on recovery or removal of the patients the rooms used have been thoroughly disinfected.

There have been 47 disinfections during the year, made up as follows:—Cancer 4, Diphtheria 6, Scarlet Fever 22, Measles 7, Consumption 5, others 3.

These disinfections have necessitated the spraying with formaldehyde solution, and stoving with formalin gas, of 75 rooms, the stripping of the walls of 3 rooms and the disinfection of the Stamford Park Schools.

369 Articles have been sent to the Altrincham Isolation Hospital for disinfection and 3 articles have been destroyed.

In all cases of Measles which have come to my notice, especially during the epidemic in the Autumn, I have offered to disinfect the rooms after the recovery of the patients, but in only 7 instances has this offer been accepted. If Measles were made a notifiable disease, disinfection could be insisted upon wherever considered necessary by your Medical Officer of Health.

Food Supply.

All premises in which food is prepared and sold have been frequently inspected and generally found in a very clean condition. They include 7 butcher's shops, 2 fish shops, 2 pie and sausage makers, and 5 greengrocers, and 1 tripe shop. Of these premises 292 inspections have been made.

The standard of meat sold in the district appears on the whole very good, although owing to the whole of the meat being killed outside the district, proper inspection of the carcasses cannot be made and such diseases as tuberculosis, etc., are very difficult to detect. No seizures have been made, and no samples of food been taken.

Conversion of Privies into W.C.'s.

Progress continues with this work although I have again to record a decreased number of closet conversions, the total number of privies abolished being 72 with a substitution of 69 water

closets, against 85 abolitions and 79 water closets in 1913. The reason for the decreased number is the increased cost in price, the amount allocated by the Council for this work being the same as in previous years.

The whole of the privies have been abolished in Hermitage Road and Lilac Road and work has also been done in Albert Road, Bancroft Road, Hazelwood Road, Albert Road East, Queen's Road, Park Road, Cecil Road, and Stamford Park Road.

Abolition of Dry Ashpits and Substitution of Ashbins.

In addition to privy ashpits, 8 single, 3 double and 3 multiple dry ashpits have been abolished at 26 houses and replaced with ashbins, leaving 522 houses with dry ashpits, the majority of which are in the North Ward and structurally in good condition.

I am, Gentlemen,

Your obedient Servant,

GEO. F. BULMER,

Sanitary Inspector.

General Order of Local Government Board (Medical Officer of Health and Inspector of Nuisances), December 13th, 1911.

**Tabular Statement of Inspector of Nuisances for the year ended
December 31st, 1914.**

* One informal notice frequently deals with two or more nuisances.

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TABLE II.

NUISANCES AND DEFECTS REMEDIED, 1914.

| | |
|--|----|
| Drains. —Cleared | 13 |
| Repaired | 16 |
| Re-laid or partly re-laid | 21 |
| Removed from interior of cellars | 13 |
| Soil pipes repaired | 2 |
| Waste Water Closets —Abolished and Water Closets substituted | 2 |
| Defective Privies. —Repaired | 3 |
| Defective Water Closets. —Repaired | 6 |
| Water Closets. —Substituted for privies | 69 |
| Ashpits (Privy) —Abolished | 39 |
| Ashpits (Dry) —Abolished | 14 |
| Ashbins. —Substituted for Ashpits (Privy and Dry) | 98 |
| Ashbins. —Renewed | 26 |
| Sinkwaste Pipes. —Trapped or repaired | 30 |
| Downspouts. —Disconnected from drains | 54 |
| Yards. —Repaired | 15 |
| Re-laid or paved | 6 |
| Dampness. —Remedied | 9 |
| Defective Spouts. —Repaired | 10 |
| Insufficient Water Supply. —Remedied | 6 |
| Pigsties. —Repaired | 2 |
| Cleansed | 4 |
| Defects in Workshops (including Bakehouses) | 13 |
| Miscellaneous | 44 |

| | |
|--|------|
| Complaints Investigated | 91 |
| Visits to nuisances and work in progress | 1063 |
| Scavenging. —Removal of nightsoil—Loads | 1683 |

